

Abstract

A solid-state imaging apparatus comprises: a solid-state imaging device having pixels that image light originating from a subject, by dividing the light into color signals; and a signal processor that subjects photographed image data output from the device to white balance correction at a gain corresponding to light source type(s). The device further comprises a sensor that detects light in a wavelength range which induces a difference having a predetermined value or more between radiant energy of a first light source and that of a second light source on the surface of the device. The processor comprises: a mixing ratio estimation unit that determines a mixing ratio between illumination light originating from the first light source and that originating from the second one, through use of a detection signal output from the sensor; and a gain computation unit that computes a gain where the white balance correction is to be effected, according to the mixing ratio.